Contents

Alliende, C., Leiva, S., Galanti, N.: Cytochemical Detection of Polysaccharides on Mouse Parotid Acinar Cells. Effect of Isoproterenol and Pilocarpine 139
Alumets, J., s. Sundler, F., et al. 137
Bange, G.G.J., s. Iren, F. van 81
Bedi, K.S., Goldstein, D.J.: Microdensitometric and Autoradiographic Comparison of the DNA Contents of Foetal and Adult Rat Liver Nuclei 63
Bernstein, H.-G., Weiß, J., Luppa, H.: Cytochemical Investigations on the Localization of 5′-Nucleotidase in the Rat Hippocampus with Special Reference to Synaptic Regions . . 261
Böck, P.: Histochemical Demonstration of Type IV Collagen in the Renal Glomerulus (Short Communication) 269
Boniver, J., s. Courtoy, R., et al. 107
Boyde, A., Reith, E.J.: Electron Probe Analysis of Maturation Ameloblasts of the Rat Incisor and Calf Molar 41
Boyde, A., s. Reith, E. J. 17
Burger, M.M., s. Jokusch, B.M., et al. 177
Courtoy, R., Boniver, J., Simar, L.: Cobalt Thiocyanate as a Stain for Basic Proteins and Other Organic Bases on Thin Sections 107
Dahl, H.A., s. Korneliussen, H., et al. 1
Daimon, T., Mizuhira, V., Uchida, K.: Ultrastructural Localization of Calcium around the Membrane of the Surface Connected System in the Human Platelet 271
Danscher, G., Zimmer, J.: An Improved Timm Sulphide Silver Method for Light and Electron Microscopic Localization of Heavy Metals in Biological Tissues 27
Denizot, J.-P.: Enzyme Activity During the Metabolism of Glycogen. II. Cytochemical Study of Glycogen Synthetase in the Sensory Cells of the Tuberous Organ of *Gnathonemus petersii* (Mormyridae) 117
Donaldson, P.T., s. Lillie, R.D., et al. 245
Edström, L., s. Wroblewski, R., et al. 281
Fahrenkrug, J., s. Sundler, F., et al. 137
Fleming, N., Walt, H., Kistler, G.S.: Inhibition of Lactate Dehydrogenase in Cultured SIRC Cells by Cigarette Smoke 307
Galanti, N., s. Alliende, C., et al. 139
Gilloteaux, J.: Innervation du muscle rétracteur antérieur du byssus (ABRM) de Mytilus edulis L. et de Mytilus galloprovincialis Lmk. V. Localisation cytochimique d'activités cholinestérasiques (Innervation of the Anterior Byssus Retractor Muscle (ABRM) in Mytilus edulis L. and in Mytilus galloprovincialis Lmk. V. Cytochemical Localization of Cholinesterase Activities) 209
Goldstein, D.J., s. Bedi, K.S. 63
Gossrau, R.: Azoindoxylverfahren zum Hydrolasennachweis. III. Histochemische Untersuchung der β-D-N-Acetylglucosaminidase (Azoindoxyl Methods for the Investigation of Hydrolases. III. Histochemical Studies of β-D-N-Acetylglucosaminidase) 159
Hadji Mabrouk, H.: Le noyau du gamète de l'Equisetum arvense L. I. Etudes cytochimiques ultrastructurales des composants nucléaires du gamète mûr. (The Sperm of Equisetum arvense L. I. Ultrastructural and Cytochemical Studies of Nuclear Constituents of the Ripe Sperm) 325
Håkanson, R., s. Sundler, F., et al. 137
Hüther, G., Luppa, H., Ott, T.: The Multiple Forms of Brain Acetylcholinesterase. II. A Suggestion of Their Functional Importance 55
Iren, F. van, Bange, G.G.J.: Localization of Inorganic Ions by Precipitative Freeze Dissolution 81
James, J., s. Tas, J., et al. 185
Jansson, E., s. Wroblewski, R., et al. 281
Jockusch, B.M., Kelley, K.H., Meyer, R.K., Burger, M.M.: An Efficient Method to Produce Specific Anti-Actin 177
Kelley, K.H., s. Jokusch, B.M., et al. 177
Kellokumpu-Lehtinen, P., Tuohimaa, P.: Effect of Actinomycin-D on the Progesterone Induced Cytodifferentiation of the Chick Oviduct Epithelium 251
Khan, M.A.: "Red" Fibres of Pigeon Pectoralis Major Muscle are "Type II Red" 75
Khan, M.A.: Histoenzymatic Characterization of Sub-Types of Type I Fibres in Fast Muscles of Rats 129
Khan, M.A., s. Watanabe, K., et al. 293

Kistler, G.S., s. Fleming, N., et al. . . . 307
Korneliussen, H., Dahl, H.A., Paulsen, J.E.: Histochemical Definition of Muscle Fibre Types in the Trunk Musculature of a Teleost Fish (Cod, *Gadus morhua* L.) . . . 1
Kumano, S., s. Sasai, Y., et al. . . . 235
Larsson, L.-I.: Distribution of ACTH-Like Immunoreactivity in Rat Brain and Gastrointestinal Tract . . . 225
Leiva, S., s. Alliende, C., et al. . . . 139
Lillie, R.D., Pizzolato, P., Reynolds, C., Donaldson, P.T.: Indole Reactions of Mast Cells and Enterochromaffin Cells Related to Fixations with and without Aldehydes . . . 245
Luppa, H., s. Bernstein, H.-G., et al. . . . 261
Luppa, H., s. Hüther, G., et al. . . . 55
Makovitzky, J.: Topo-optische Färbung der Erythrocytenmembran mit Thiazin- und Chinolinfarbstoffen (Topo-optical Staining with Thiazin and Quinolin Dyestuffs of the Erythrocyte Membrane) . . . 319
Meyer, R.K., s. Jokusch, B.M., et al. . . . 177
Mizuhira, V., s. Daimon, T., et al. . . . 271
Mizutani, A., s. Sugimura, K. . . . 97
Nakano, H., s. Sasai, Y., et al. . . . 235
Ott, T., s. Hüther, G., et al. . . . 55
Ovtscharoff, W.: Visualization of Proteinaceous Granules in the Clear Synaptic Vesicles . . . 341
Panula, P., Rechardt, L.: Age-Dependent Increase in the Non-Specific Cholinesterase Activity of the Capillaries in the Rat Neostriatum . . . 49
Paulsen, J.E., s. Korneliussen, H., et al. . . . 1
Pilgrim, Ch., s. Wagner, H.-J. . . . 147
Pizzolato, P., s. Lillie, R.D., et al. . . . 245
Ploeg, M. van der, s. Tas, J., et al. . . . 185
Rechardt, L., s. Panula, P. . . . 49
Reitamo, S.: Lysozyme Antigenicity and Tissue Fixation . . . 197
Reith, E.J., s. Boyde, A. . . . 41
Reith, E. J., Boyde, A.: Histochemical and Electron Probe Analysis of Secretory Ameloblasts of Developing Rat Molar Teeth . . . 17
Reynolds, C., s. Lillie, R.D., et al. . . . 245
Roomans, G.M., s. Wroblewski, R., et al. . . . 281
Sasai, Y., Kumano, S., Takahashi, M., Nakano, H.: Histochemical Quantification of Dopa-oxidase (Tyrosinase) Activity in Epidermal Melanocytes . . . 235
Sasaki, F., s. Watanabe, K., et al. . . . 293
Schaffalitzky de Muckadell, O., s. Sundler, F., et al. . . . 137
Simar, L., s. Courtoy, R., et al. . . . 107
Sugimura, K., Mizutani, A.: Electron-microscopic Cytochemical Study of Cyclic Nucleotide Phosphodiesterase in Rat Brain . . . 97
Sundler, F., Alumets, J., Håkanson, R., Fahrenkrug, J., Schaffalitzky de Muckadell, O.: Peptidergic (VIP) Nerves in the Pancreas (Short Communication) . . . 173
Takahashi, M., s. Sasai, Y., et al. . . . 235
Tas, J., James, J., Ploeg, M. van der: Adaptation of the Naphthol Yellow S Staining for Objects with High Protein Content . . . 185
Tuohimaa, P., s. Kellokumpu-Lehtinen, P. . . . 251
Uchida, K., s. Daimon, T., et al. . . . 271
Wagner, H.-J., Pilgrim, Ch.: A Microprobe Analysis of Gomori-Positive Glial Cells in the Rat Arcuate Nucleus . . . 147
Walt, H., s. Fleming, N., et al. . . . 307
Watanabe, K., Sasaki, F., Khan, M.A.: Light and Electron Microscopic Study of Adenosine Triphosphatase Activity of Anuran Tadpole Musculature . . . 293
Weiß, J., s. Bernstein, H.-G., et al. . . . 261
Wroblewski, R., Roomans, G.M., Jansson, E., Edström, L.: Electron Probe X-Ray Microanalysis of Human Muscle Biopsies . . . 281
Zimmer, J., s. Danscher, G. . . . 27

Indexed in Current Contents

nts
07
1
35
25
39
45
61
55
19
77
71
97
35
55
41
49
1
47
45
85
49
97
41
17
45
81
35
93
37
07
97
73
35
85
51
71
47
07
93
61
81
27